

# Sawmills: 2002

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## 2002 Economic Census

*Manufacturing*

Industry Series



U S C E N S U S B U R E A U

*Helping You Make Informed Decisions*

U.S. Department of Commerce  
Economics and Statistics Administration  
U.S. CENSUS BUREAU



**Table 1. Historical Statistics for the Industry: 2002 and Earlier Years**

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry and year <sup>1</sup>	Com- panies <sup>2</sup>	All estab- lish- ments <sup>3</sup>	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expendi- tures (\$1,000)
			Number <sup>4</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
321113, Sawmills.....2002..	3 461	3 807	95 452	3 118 252	82 561	172 510	2 506 441	6 797 519	14 468 695	21 339 251	865 054
2001..	N	N	113 530	3 170 934	97 067	202 583	2 485 163	6 766 367	14 844 872	21 678 232	783 304
2000..	N	N	118 713	3 333 566	100 171	208 849	2 613 003	7 491 285	16 121 075	23 448 664	1 028 577
1999..	N	N	118 012	3 310 220	101 236	214 178	2 617 419	8 428 341	16 697 614	25 061 265	1 030 106
1998..	N	N	116 304	3 177 159	100 317	212 689	2 544 978	7 305 584	15 961 441	23 422 483	1 041 166
1997..	4 024	4 390	119 267	3 180 425	102 788	212 176	2 527 290	8 521 097	16 227 066	24 632 080	1 079 446

<sup>1</sup>Statistics presented for years ending in 2 and 7 are census data. Interim census years are derived in a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures (ASM).

<sup>2</sup>For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

<sup>3</sup>Includes establishments with payroll at any time during the year.

<sup>4</sup>Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

**Table 2. Industry Statistics for Selected States: 2002**

[States that are a disclosure or with less than 100 employees are not shown. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

Industry and geographic area	E <sup>1</sup>	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
		Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>3</sup>	Hours (1,000)	Wages (\$1,000)				
<b>321113, Sawmills</b>												
United States .....	1	3 807	1 099	95 452	3 118 252	82 561	172 510	2 506 441	6 797 519	14 468 695	21 339 251	865 054
Alabama .....	2	118	53	4 777	155 502	4 108	8 761	121 171	290 613	759 518	1 051 080	52 653
Alaska .....	3	16	2	100	3 059	90	189	2 687	4 215	14 486	18 633	409
Arkansas .....	1	149	49	4 691	155 034	4 140	9 055	129 025	297 133	715 120	1 008 245	47 377
California .....	—	89	42	5 607	212 815	4 761	10 172	167 924	358 625	910 478	1 367 132	55 295
Colorado .....	4	23	4	269	8 028	229	467	6 279	20 455	30 135	49 731	2 153
Connecticut .....	8	19	2	235	8 041	200	436	6 705	14 878	26 660	41 578	2 325
Florida .....	2	44	20	1 599	51 104	1 422	3 086	41 869	125 544	221 646	339 128	9 928
Georgia .....	—	115	51	5 156	164 292	4 331	9 455	124 998	408 540	907 792	1 314 639	37 188
Idaho .....	—	50	23	3 081	111 393	2 782	5 643	95 862	192 227	606 254	792 808	17 219
Illinois .....	4	50	4	375	11 064	291	521	7 543	27 201	33 580	59 648	1 988
Indiana .....	2	114	22	1 724	55 119	1 430	2 933	41 204	139 095	187 308	328 294	14 443
Iowa .....	3	27	7	379	10 907	300	626	7 937	17 318	36 350	54 229	2 373
Kentucky .....	3	156	42	2 937	70 484	2 562	5 145	55 752	160 285	261 174	421 686	15 791
Louisiana .....	1	51	22	1 763	56 187	1 568	3 385	47 391	117 087	288 970	406 691	12 548
Maryland .....	3	30	10	680	20 745	574	1 130	14 637	44 274	76 818	115 023	4 264
Massachusetts .....	2	37	9	563	17 283	432	869	12 744	28 938	57 973	88 850	4 923
Michigan .....	3	149	32	2 146	66 092	1 808	3 735	51 431	128 546	322 553	450 106	23 971
Minnesota .....	1	69	9	831	23 211	707	1 341	18 525	60 978	74 291	135 065	5 231
Mississippi .....	—	110	49	4 205	133 133	3 739	8 187	113 897	244 521	733 082	993 641	19 443
Missouri .....	4	212	18	1 401	38 340	1 213	2 248	29 814	95 315	160 472	254 032	11 904
Montana .....	—	38	18	1 755	55 932	1 588	3 122	48 721	127 224	240 157	362 316	14 927
New York .....	4	128	27	1 765	54 728	1 434	2 954	41 122	134 546	258 867	390 579	19 976
North Carolina .....	1	198	70	5 326	170 136	4 710	9 910	142 661	385 760	773 492	1 153 370	39 194
Ohio .....	2	121	22	1 738	46 457	1 533	2 992	38 436	118 452	162 779	280 023	10 531
Oregon .....	—	116	71	8 201	325 833	7 191	15 540	264 365	741 271	1 826 243	2 583 479	59 135
Pennsylvania .....	3	291	42	3 957	119 312	3 386	6 996	92 136	254 911	520 964	772 988	39 936
South Carolina .....	1	59	23	2 373	76 785	2 041	4 518	62 520	157 767	398 893	553 341	28 572
South Dakota .....	—	9	3	451	13 871	396	842	10 975	15 042	57 202	71 631	2 374
Tennessee .....	3	204	41	2 438	65 970	2 104	3 918	52 721	145 132	240 574	389 238	18 907
Texas .....	3	104	25	2 019	64 464	1 733	3 752	51 997	178 497	369 429	548 899	25 284
Utah .....	8	18	—	134	3 773	121	209	3 165	8 555	15 046	23 596	1 178
Virginia .....	2	197	68	3 716	104 616	3 189	6 594	81 499	273 960	401 972	671 469	52 654
Washington .....	—	158	67	7 838	314 251	6 861	14 548	258 849	683 462	1 435 404	2 112 382	107 684
West Virginia .....	1	126	44	2 653	69 660	2 325	4 891	57 280	187 093	314 833	508 600	15 714
Wisconsin .....	2	144	30	2 491	63 655	2 065	3 841	47 874	164 980	282 577	444 181	14 989

<sup>1</sup>Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1–10 to 19 percent; 2–20 to 29 percent; 3–30 to 39 percent; 4–40 to 49 percent; 5–50 to 59 percent; 6–60 to 69 percent; 7–70 to 79 percent; 8–80 to 89 percent; 9–90 percent or more.

<sup>2</sup>Includes establishments with payroll at any time during the year.

<sup>3</sup>Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

# Table 3. Detailed Statistics by Industry: 2002

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Item	Value
<b>321113, Sawmills</b>	
Companies <sup>1</sup> .....	number.. 3 461
All establishments <sup>2</sup> .....	number.. 3 807
Establishments with 1 to 19 employees .....	number.. 2 708
Establishments with 20 to 99 employees .....	number.. 837
Establishments with 100 employees or more .....	number.. 262
All employees <sup>3</sup> .....	number.. 95 452
Total compensation .....	\$1,000.. 3 885 349
Annual payroll .....	\$1,000.. 3 118 252
Total fringe benefits .....	\$1,000.. 767 097
Production workers, average for year .....	number.. 82 561
Production workers on March 12 .....	number.. 82 046
Production workers on May 12 .....	number.. 83 184
Production workers on August 12 .....	number.. 83 181
Production workers on November 12 .....	number.. 81 600
Production worker hours .....	1,000.. 172 510
Production worker wages .....	\$1,000.. 2 506 441
Total cost of materials .....	\$1,000.. 14 468 695
Materials, parts, containers, packaging, etc., used .....	\$1,000.. 13 146 780
Resales .....	\$1,000.. 456 583
Purchased fuels .....	\$1,000.. 130 898
Purchased electricity .....	\$1,000.. 384 850
Contract work .....	\$1,000.. 349 584
Quantity of electricity purchased for heat and power .....	1,000 kWh.. 6 812 771
Quantity of electricity generated less sold for heat and power .....	1,000 kWh.. 466 880
Total value of shipments .....	\$1,000.. 21 339 251
Primary products value of shipments .....	\$1,000.. 19 402 982
Secondary products value of shipments .....	\$1,000.. 804 371
Total miscellaneous receipts .....	\$1,000.. 1 131 898
Value of resales .....	\$1,000.. 489 777
Contract receipts .....	\$1,000.. 47 368
Other miscellaneous receipts .....	\$1,000.. 594 753
Primary products specialization ratio .....	percent.. 96
Value of primary products shipments made in all industries .....	\$1,000.. 20 208 485
Value of primary products shipments made in this industry .....	\$1,000.. 19 402 982
Value of primary products shipments made in other industries .....	\$1,000.. 805 503
Coverage ratio .....	percent.. 96
Value added .....	\$1,000.. 6 797 519
Total inventories, beginning of year .....	\$1,000.. 2 847 101
Finished goods inventories .....	\$1,000.. 1 214 117
Work-in-process inventories .....	\$1,000.. 723 856
Materials and supplies inventories .....	\$1,000.. 909 688
Total inventories, end of year .....	\$1,000.. 2 798 734
Finished goods inventories .....	\$1,000.. 1 193 035
Work-in-process inventories .....	\$1,000.. 671 901
Materials and supplies inventories .....	\$1,000.. 934 111
Gross value of depreciable assets (acquisition costs) at beginning of year .....	\$1,000.. 11 214 007
Total capital expenditures (new and used) .....	\$1,000.. 865 054
Buildings and other structures (new and used) .....	\$1,000.. 98 804
Machinery and equipment (new and used) .....	\$1,000.. 766 250
Automobiles, trucks, etc., for highway use .....	\$1,000.. 45 396
Computers and peripheral data processing equipment .....	\$1,000.. 42 472
All other expenditures for machinery and equipment .....	\$1,000.. 678 382
Total retirements .....	\$1,000.. 355 066
Gross value of depreciable assets at end of year .....	\$1,000.. 11 723 995
Depreciation charges during year .....	\$1,000.. 753 016
Total rental payments .....	\$1,000.. 201 201
Buildings and other structures .....	\$1,000.. 82 643
Machinery and equipment .....	\$1,000.. 118 558
Total other expenses <sup>4</sup> .....	\$1,000.. 964 743
Response coverage ratio <sup>5</sup> .....	percent.. 79
Repair and maintenance services of buildings and/or machinery <sup>4</sup> .....	\$1,000.. 261 708
Communications services <sup>4</sup> .....	\$1,000.. 46 237
Legal services <sup>4</sup> .....	\$1,000.. 13 485
Accounting, auditing, and bookkeeping services <sup>4</sup> .....	\$1,000.. 11 676
Advertising and promotional services <sup>4</sup> .....	\$1,000.. 8 272
Expensed computer hardware and supplies and purchased computer services <sup>4</sup> .....	\$1,000.. 6 300
Refuse removal (including hazardous waste) services <sup>4</sup> .....	\$1,000.. 9 243
Management consulting and administrative services <sup>4</sup> .....	\$1,000.. 26 870
Taxes and license fees <sup>4</sup> .....	\$1,000.. 69 919
All other expenses <sup>4</sup> .....	\$1,000.. 511 033

<sup>1</sup>For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

<sup>2</sup>Includes establishments with payroll at any time during the year.

<sup>3</sup>Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

<sup>4</sup>Based on Annual Survey of Manufactures (ASM) sample data.

<sup>5</sup>A response coverage ratio is derived for this item by calculating the ratio of the weighted employment (establishment data multiplied by sample weight) for those Annual Survey of Manufactures (ASM) establishments that reported to the weighted total employment for all ASM establishments classified in this industry.

Note 1: The amounts shown for other expenses reflect only those services that establishments purchase from other companies.

Note 2: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

**Table 4. Industry Statistics by Employment Size: 2002**

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Employment size class	E <sup>1</sup>	All establishments <sup>2</sup>	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>3</sup>	Hours (1,000)	Wages (\$1,000)				
321113, Sawmills											
All establishments .....	1	3 807	95 452	3 118 252	82 561	172 510	2 506 441	6 797 519	14 468 695	21 339 251	865 054
Establishments with—											
1 to 4 employees .....	9	1 665	h	D	D	D	D	D	D	D	D
5 to 9 employees .....	6	439	3 014	93 883	2 519	5 097	76 591	207 214	454 049	665 634	35 525
10 to 19 employees .....	3	604	8 344	232 215	7 119	12 826	186 812	524 919	976 790	1 508 922	69 317
20 to 49 employees .....	2	557	17 498	506 260	14 898	29 893	395 013	1 243 450	2 310 550	3 607 793	148 304
50 to 99 employees .....	1	280	19 943	601 706	17 364	37 040	481 562	1 390 924	2 700 412	4 097 456	159 357
100 to 249 employees .....	—	235	34 331	1 240 031	30 002	65 524	1 014 327	2 582 723	6 073 473	8 634 579	304 854
250 to 499 employees .....	—	25	7 844	293 965	6 838	14 370	236 430	567 649	1 333 730	1 908 511	92 922
500 to 999 employees .....	—	2	g	D	D	D	D	D	D	D	D
1,000 to 2,499 employees .....	—	—	—	—	—	—	—	—	—	—	—
2,500 employees or more .....	—	—	—	—	—	—	—	—	—	—	—
Administrative records <sup>4</sup> .....	9	1 598	3 322	108 264	2 974	5 925	89 656	214 611	520 915	735 134	39 516

<sup>1</sup>Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1–10 to 19 percent; 2–20 to 29 percent; 3–30 to 39 percent; 4–40 to 49 percent; 5–50 to 59 percent; 6–60 to 69 percent; 7–70 to 79 percent; 8–80 to 89 percent; 9–90 percent or more.

<sup>2</sup>Includes establishments with payroll at any time during the year.

<sup>3</sup>Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

<sup>4</sup>Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. Data are also included in respective size classes shown.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

**Table 5. Industry Statistics by Primary Product Class Specialization: 2002**

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry or product class code	Industry or primary product class	All establishments <sup>1</sup>	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Number <sup>2</sup>	Payroll (\$1,000)	Number <sup>2</sup>	Hours (1,000)	Wages (\$1,000)				
321113	Sawmills .....	3 807	95 452	3 118 252	82 561	172 510	2 506 441	6 797 519	14 468 695	21 339 251	865 054
3211131	Hardwood lumber, made in sawmills .....	679	26 168	744 741	22 402	45 397	578 726	1 820 243	2 587 951	4 427 225	183 183
3211133	Softwood lumber, made in sawmills .....	522	48 678	1 730 121	42 365	91 100	1 406 984	3 541 780	8 881 575	12 475 958	473 192
3211135	Wood chips, except field chips .....	114	2 266	71 786	1 806	3 557	52 084	284 850	595 693	882 364	18 316
3211137	Wood ties, siding, shingles, and shakes and contract sawing of logs owned by others .....	51	1 368	43 138	1 194	2 399	35 107	111 025	99 481	210 452	11 246

<sup>1</sup>Includes establishments with payroll at any time during the year.

<sup>2</sup>Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

**Table 6a. Products Statistics: 2002 and 1997**

[Includes quantity and value of products of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of products of this industry from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
321113	Sawmills.....2002..	N	X	X	20 208 485
	.....1997..	N	X	X	23 320 321
3211131	Hardwood lumber, made in sawmills .....2002..	N	X	X	3 796 419
	.....1997..	N	X	X	3 954 467
32111311	Hardwood lumber, made in sawmills .....2002..	N	X	X	3 145 430
	.....1997..	N	X	X	3 001 601
321113111	Beech rough lumber, not edge worked, made in sawmills <sup>1</sup> .....2002..	37	X	X	54 654
	.....1997..	64	X	X	58 003
321113112	Oak rough lumber, not edge worked, made in sawmills <sup>2</sup> ..... mil bd ft. ....2002..	429	X	<sup>¶1</sup> 686.1	1 101 486
	.....1997..	664	X	<sup>¶1</sup> 940.2	1 226 107
321113113	Other hardwood rough lumber, not edge worked, made in sawmills <sup>3</sup> ..... mil bd ft. ....2002..	546	X	S	1 632 203
	.....1997..	696	X	<sup>¶2</sup> 428.4	1 342 571
321113114	Hardwood dressed lumber, not edge worked, made in sawmills <sup>4</sup> ..... mil bd ft. ....2002..	80	X	S	357 087
	.....1997..	85	X	<sup>¶538.7</sup>	374 920
3211131Y	Hardwood lumber, made in sawmills, nsk .....2002..	N	X	X	650 989
	.....1997..	N	X	X	952 866
3211131YVV	Hardwood lumber, made in sawmills, nsk .....2002..	N	X	X	650 989
	.....1997..	N	X	X	952 866
3211133	Softwood lumber, made in sawmills .....2002..	N	X	X	11 110 171
	.....1997..	N	X	X	14 038 252
32111331	Softwood lumber, made in sawmills .....2002..	N	X	X	3 115 811
	.....1997..	N	X	X	2 729 306
321113311	Softwood rough lumber, less than 2 inches in nominal thickness, not edge worked, made in sawmills <sup>5</sup> ..... mil bd ft. ....2002..	202	X	S	684 172
	.....1997..	262	X	D	D
321113312	Softwood rough 2-inch lumber, 2 inches in nominal thickness only, not edge worked, made in sawmills <sup>6</sup> ..... mil bd ft. ....2002..	159	X	<sup>¶6</sup> 131.3	1 914 620
	.....1997..	160	X	D	D
321113313	Softwood rough lumber and timbers, more than 2 inches in nominal thickness, not edge worked, made in sawmills <sup>7</sup> ..... mil bd ft. ....2002..	148	X	<sup>¶1</sup> 365.9	517 019
	.....1997..	175	X	S	444 830
32111332	Softwood dressed lumber, less than 2 inches in nominal thickness, not edge worked, made in sawmills .....2002..	N	X	X	1 231 838
	.....1997..	N	X	X	1 866 654
321113324	Softwood dressed lumber, less than 2 inches in nominal thickness, not edge worked, made in sawmills <sup>8</sup> ..... mil bd ft. ....2002..	156	X	2 740.5	1 231 838
	.....1997..	193	X	3 638.3	1 866 654
32111333	Softwood dressed 2-inch lumber, 2 inches in nominal thickness only, not edge worked, made in sawmills .....2002..	N	X	X	5 224 628
	.....1997..	N	X	X	6 351 987
321113335	Softwood dressed 2-inch lumber, 2 inches in nominal thickness only, not edge worked, made in sawmills <sup>9</sup> ..... mil bd ft. ....2002..	157	X	16 968.7	5 224 628
	.....1997..	185	X	16 178.2	6 351 987
32111334	Softwood dressed lumber and timbers, more than 2 inches in nominal thickness, not edge worked, made in sawmills .....2002..	N	X	X	716 053
	.....1997..	N	X	X	984 059
321113346	Softwood dressed lumber and timbers, more than 2 inches in nominal thickness, not edge worked, made in sawmills <sup>10</sup> ..... mil bd ft. ....2002..	101	X	1 902.3	716 053
	.....1997..	116	X	2 139.7	984 059
3211133Y	Softwood lumber, made in sawmills, nsk .....2002..	N	X	X	821 841
	.....1997..	N	X	X	2 106 246
3211133YVV	Softwood lumber, made in sawmills, nsk .....2002..	N	X	X	821 841
	.....1997..	N	X	X	2 106 246
3211135	Wood chips, except field chips .....2002..	N	X	X	1 760 215
	.....1997..	N	X	X	2 593 967
32111351	Wood chips, except field chips, measured in short tons .....2002..	N	X	X	1 285 569
	.....1997..	N	X	X	1 663 958
321113511	Softwood chips, except field chips, measured in short tons ..... 1,000 s tons. ....2002..	250	X	<sup>¶34</sup> 607.3	926 251
	.....1997..	329	X	<sup>¶39</sup> 407.6	1 166 449
321113512	Hardwood chips, except field chips, measured in short tons ..... 1,000 s tons. ....2002..	291	X	S	359 318
	.....1997..	400	X	S	497 509
32111352	Wood chips, except field chips, measured in standard units (one standard unit, 200 cu ft of gravity packed chips, one standard cord) .....2002..	N	X	X	338 518
	.....1997..	N	X	X	694 110
321113523	Softwood chips, except field chips, measured in standard units (one standard unit, 200 cu ft of gravity packed chips, one standard cord) ..... 1,000 standard units. ....2002..	82	X	S	282 651
	.....1997..	145	X	S	509 589
321113524	Hardwood chips, except field chips, measured in standard units (one standard unit, 200 cu ft of gravity packed chips, one standard cord) ..... 1,000 standard units. ....2002..	42	X	S	55 867
	.....1997..	80	X	S	184 521
3211135Y	Wood chips, except field chips, nsk .....2002..	N	X	X	136 128
	.....1997..	N	X	X	235 899
3211135YVV	Wood chips, except field chips, nsk .....2002..	N	X	X	136 128
	.....1997..	N	X	X	235 899
3211137	Wood ties, siding, shingles, and shakes and contract sawing of logs owned by others .....2002..	N	X	X	252 102
	.....1997..	N	X	X	239 072
32111371	Wood ties, siding, shingles, and shakes and contract sawing of logs owned by others .....2002..	N	X	X	250 450
	.....1997..	N	X	X	180 094
321113711	Railway crossties and mine ties (untreated) ..... mil bd ft. ....2002..	101	X	S	99 958
	.....1997..	79	X	S	64 285
321113712	Wood siding (weatherboards or clapboards), including drilled or treated, except treated with permanent wood preservatives ..... mil bd ft. ....2002..	8	X	S	9 351
	.....1997..	21	X	S	75 357
321113713	Wood shingles and shakes ..... 1,000 squares. ....2002..	12	X	S	14 522
	.....1997..	16	X	S	11 138
321113714	Receipts for contract or custom sawing of logs owned by others .....2002..	19	X	X	126 619
	.....1997..	33	X	X	29 314

See footnotes at end of table.

**Table 6a. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of products of this industry from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
321113	Sawmills—Con.				
3211137	Wood ties, siding, shingles, and shakes and contract sawing of logs owned by others—Con.				
3211137Y	Wood ties, siding, shingles, and shakes and contract sawing of logs owned by others, nsk .....	2002.. N	X	X	1 652
		1997.. N	X	X	58 978
3211137YVV	Wood ties, siding, shingles, and shakes and contract sawing of logs owned by others, nsk .....	2002.. N	X	X	1 652
		1997.. N	X	X	58 978
321113W	Sawmills, nsk, total.....	2002.. N	X	X	3 289 578
		1997.. N	X	X	2 494 563
321113WY	Sawmills, nsk, total.....	2002.. N	X	X	3 289 578
		1997.. N	X	X	2 494 563
321113WYWW	Sawmills, nsk, for nonadministrative-record establishments.....	2002.. N	X	X	2 558 587
		1997.. N	X	X	1 982 747
321113WYWY	Sawmills, nsk, for administrative-record establishments .....	2002.. N	X	X	730 991
		1997.. N	X	X	511 816

- <sup>1</sup>This product code is primary to more than one industry. See industry 321912, product code 3219121111.  
<sup>2</sup>This product code is primary to more than one industry. See industry 321912, product code 3219121121.  
<sup>3</sup>This product code is primary to more than one industry. See industry 321912, product code 3219121131.  
<sup>4</sup>This product code is primary to more than one industry. See industry 321912, product code 3219121141.  
<sup>5</sup>This product code is primary to more than one industry. See industry 321912, product code 3219123111.  
<sup>6</sup>This product code is primary to more than one industry. See industry 321912, product code 3219123121.  
<sup>7</sup>This product code is primary to more than one industry. See industry 321912, product code 3219123131.  
<sup>8</sup>This product code is primary to more than one industry. See industry 321912, product code 3219123141.  
<sup>9</sup>This product code is primary to more than one industry. See industry 321912, product code 3219123151.  
<sup>10</sup>This product code is primary to more than one industry. See industry 321912, product code 3219123161.

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p–10 to 19 percent estimated; q–20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.



Table 6b. **Product Class Shipments for Selected States: 2002 and 1997**

[Product classes covered are those that are economically significant and whose production is geographically dispersed, provided dispersion is not approximated by data in Table 2. Also, product classes are not shown if they are miscellaneous or "not specified by kind" classes. Statistics for some states are withheld because they are either less than \$2 million in product class shipments or they disclose data for individual companies in 2002. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographic definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

NAICS product class code	Product class and geographic area	Value of product shipments (\$1,000)
3211131	Hardwood lumber, made in sawmills	
	United States.....	2002.. 3 796 419
		1997.. 3 954 467
	Alabama.....	2002.. 88 024
		1997.. 119 324
	Arkansas.....	2002.. 100 094
		1997.. 117 184
	California.....	2002.. 7 298
		1997.. 2 233
	Florida.....	2002.. 11 527
		1997.. 17 967
	Georgia.....	2002.. 116 878
		1997.. 90 951
	Illinois.....	2002.. 8 812
		1997.. 20 079
	Indiana.....	2002.. 145 893
		1997.. 119 004
	Iowa.....	2002.. 39 032
		1997.. 40 918
	Kentucky.....	2002.. 209 241
		1997.. 250 762
	Louisiana.....	2002.. 44 249
		1997.. 64 139
	Maryland.....	2002.. 34 584
		1997.. 31 959
	Massachusetts.....	2002.. 33 254
		1997.. 10 558
	Michigan.....	2002.. 190 811
		1997.. 122 807
	Minnesota.....	2002.. 20 636
		1997.. 24 069
	Mississippi.....	2002.. 245 378
		1997.. 207 447
	Missouri.....	2002.. 97 619
		1997.. 99 612
	New York.....	2002.. 192 202
		1997.. 286 644
	North Carolina.....	2002.. 205 334
		1997.. 214 942
	Ohio.....	2002.. 145 733
		1997.. 176 102
	Oregon.....	2002.. 92 357
		1997.. 67 943
	Pennsylvania.....	2002.. 456 868
		1997.. 403 610
	South Carolina.....	2002.. 27 940
		1997.. 45 860
	Tennessee.....	2002.. 201 589
		1997.. 264 456
	Texas.....	2002.. 19 527
		1997.. 51 292
	Virginia.....	2002.. 200 493
		1997.. 234 335
	Washington.....	2002.. 176 616
		1997.. 233 917
	West Virginia.....	2002.. 300 944
		1997.. 291 561
	Wisconsin.....	2002.. 215 270
		1997.. 181 704
3211133	Softwood lumber, made in sawmills	
	United States.....	2002.. 11 110 171
		1997.. 14 038 252
	Alabama.....	2002.. 625 830
		1997.. 803 149
	Arkansas.....	2002.. 616 491
		1997.. 817 759
	California.....	2002.. 1 182 444
		1997.. 1 704 769
	Colorado.....	2002.. 20 324
		1997.. 35 359
	Florida.....	2002.. 190 619
		1997.. 244 798
	Georgia.....	2002.. 689 184
		1997.. 998 557
	Idaho.....	2002.. 631 175
		1997.. 806 608
	Kentucky.....	2002.. 3 593
		1997.. 14 057
	Louisiana.....	2002.. 273 910
		1997.. 412 891
	Maryland.....	2002.. 30 664
		1997.. 29 220
	Massachusetts.....	2002.. 22 472
		1997.. 10 809
	Michigan.....	2002.. 77 592
		1997.. 24 857
	Minnesota.....	2002.. 36 260
		1997.. 46 066
	Mississippi.....	2002.. 571 137
		1997.. 915 476
	Montana.....	2002.. 300 182
		1997.. 509 193
	New York.....	2002.. 66 992
		1997.. 17 856
	North Carolina.....	2002.. 563 201
		1997.. 618 068
	Ohio.....	2002.. 5 848
		1997.. 5 406
	Oregon.....	2002.. 2 011 165
		1997.. 2 415 671

See footnotes at end of table.

Table 6b. **Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product classes covered are those that are economically significant and whose production is geographically dispersed, provided dispersion is not approximated by data in Table 2. Also, product classes are not shown if they are miscellaneous or "not specified by kind" classes. Statistics for some states are withheld because they are either less than \$2 million in product class shipments or they disclose data for individual companies in 2002. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographic definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

NAICS product class code	Product class and geographic area	Value of product shipments (\$1,000)
3211133	Softwood lumber, made in sawmills—Con.	
	United States—Con.	
	Pennsylvania ..... 2002..	15 705
	..... 1997..	9 254
	South Carolina ..... 2002..	370 584
	..... 1997..	532 022
	South Dakota ..... 2002..	56 504
	..... 1997..	N
	Tennessee ..... 2002..	9 706
	..... 1997..	7 301
	Texas ..... 2002..	376 363
	..... 1997..	424 550
	Utah ..... 2002..	4 247
	..... 1997..	13 867
	Virginia ..... 2002..	172 750
3211135	Wood chips, except field chips	
	United States ..... 2002..	1 760 215
	..... 1997..	2 593 967
	Alabama ..... 2002..	140 814
	..... 1997..	279 891
	Arkansas ..... 2002..	114 541
	..... 1997..	153 271
	California ..... 2002..	22 447
	..... 1997..	64 458
	Florida ..... 2002..	64 915
	..... 1997..	105 579
	Georgia ..... 2002..	213 495
	..... 1997..	305 966
	Idaho ..... 2002..	19 515
	..... 1997..	45 219
3211137	Wood ties, siding, shingles, and shakes and contract sawing of logs owned by others	
	United States ..... 2002..	252 102
	..... 1997..	239 072
	Arkansas ..... 2002..	26 569
	..... 1997..	20 601
	California ..... 2002..	5 511
	..... 1997..	42 503
	Indiana ..... 2002..	7 600
	..... 1997..	N
	Kentucky ..... 2002..	23 740
	..... 1997..	5 083
	Louisiana ..... 2002..	7 646
	..... 1997..	5 372
	Mississippi ..... 2002..	13 682
	..... 1997..	4 347
	Missouri ..... 2002..	4 854
	..... 1997..	5 391
	North Carolina ..... 2002..	2 603
	..... 1997..	2 204

See footnotes at end of table.

**Table 6b. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product classes covered are those that are economically significant and whose production is geographically dispersed, provided dispersion is not approximated by data in Table 2. Also, product classes are not shown if they are miscellaneous or "not specified by kind" classes. Statistics for some states are withheld because they are either less than \$2 million in product class shipments or they disclose data for individual companies in 2002. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographic definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

NAICS product class code	Product class and geographic area	Value of product shipments (\$1,000)
3211137	Wood ties, siding, shingles, and shakes and contract sawing of logs owned by others—Con.	
	United States—Con.	
	Oregon ..... 2002..	2 122
	..... 1997..	6 466
	Pennsylvania ..... 2002..	5 476
	..... 1997..	6 671
	Tennessee ..... 2002..	5 889
	..... 1997..	6 426
	Texas ..... 2002..	2 524
	..... 1997..	7 057
	Virginia ..... 2002..	8 748
	..... 1997..	11 340
	Washington ..... 2002..	13 114
	..... 1997..	54 651
	Wisconsin ..... 2002..	4 893
	..... 1997..	7 405

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

**Table 7. Materials Consumed by Kind: 2002 and 1997**

[Includes quantity and cost of materials consumed or put into production by establishments classified only in this industry. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Material code	Material consumed	Quantity	Delivered cost (\$1,000)
321113	Sawmills		
0090001	Total materials .....2002..	X	13 146 780
	.....1997..	X	14 780 712
11311000	Stumpage cost (cost of timber, excluding land, cut and consumed at same establishment) .....2002..	X	1 801 235
	.....1997..	X	2 198 406
11331015	Hardwood logs and bolts ..... mil bd ft Intl 1/4 in. scale..2002..	S	1 399 530
	.....1997..	S	1 375 891
11331017	Softwood logs and bolts ..... mil bd ft Intl 1/4 in. scale..2002..	q15 274.6	5 309 349
	.....1997..	S	6 722 869
32100023	Hardwood rough lumber ..... mil bd ft..2002..	S	212 309
	.....1997..	q237.0	152 355
32100029	Softwood rough lumber ..... mil bd ft..2002..	p470.4	143 729
	.....1997..	p442.9	162 919
32100027	Hardwood dressed lumber ..... mil bd ft..2002..	S	15 912
	.....1997..	S	21 214
32100033	Softwood dressed lumber ..... mil bd ft..2002..	p261.8	97 845
	.....1997..	p270.0	116 884
32552003	Glues and adhesives ..... mil lb..2002..	S	28 362
	.....1997..	S	13 770
00970099	All other materials and components, parts, containers, and supplies .....2002..	X	822 182
	.....1997..	X	621 137
00971000	Materials, ingredients, containers, and supplies, nsk .....2002..	X	3 316 327
	.....1997..	X	3 395 267

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.